

Amendments to the Claims

Claim 1 (Currently Amended): A method of presenting a printer operator interface, the method comprising the steps of:

~~generating an operator display definition in a processor within a printer, wherein the operator display definition defines an operator interface display and wherein the operator display definition is defined by a dataset conforming to a network protocol for interpretation within the printer and at a remote terminal;~~

~~interpreting, within the printer and according to the network protocol, the dataset defining the operator display definition to produce an interpreted operator interface display for display on a display; and~~

~~displaying, on a display of the printer, the interpreted operator interface display produced by the interpreting, within the printer and according to the network protocol, of the operator display.~~

generating, within a printer, HyperText Transport Protocol (HTTP) data including status information of the printer for transmission to a HTTP browser on a remote terminal, wherein the HTTP browser on the remote terminal provides access to the printer status information;

interpreting, within the printer, the HTTP data generated for the HTTP browser on the remote terminal for display of the printer status information on a display integral with the printer;
and

displaying the printer status information on the display integral to the printer to an operator of the printer.

Claim 2 (Cancelled).

Claim 3 (Currently Amended): ~~The method of claim 1, wherein the operator display definition comprises data for one or more of a video, an image, a sound file and an animation display.~~

The method of claim 1, wherein the HTTP data further includes data for one or more of a video, an image, a sound file, and an animation display.

Claim 4 (Currently Amended): The method of claim 1, wherein the step of generating the ~~operator display definition~~ HTTP data is performed in response to an operating parameter within the printer changing independently of ~~user~~ operator input.

Claim 5 (Currently Amended): The method of claim 4, wherein the operating parameter is categorized as at least one of a priority parameter, a paper jam indicator, and an out of paper indicator.

Claim 6 (Currently Amended): The method of claim 1, wherein the step of generating the ~~operator display~~ HTTP data definition is performed periodically with a time period.

Claim 7 (Original): The method of claim 6, wherein the time period is adjusted according to at least one of an operating state of the printer and an error state of the printer.

Claim 8 (Currently Amended): The method of claim 1, further comprising the steps of:
accepting an operator input for the printer through means associated with the ~~operator interface display~~ integral with the printer; and
controlling a function within the printer in response to the operator input.

Claim 9 (Cancelled).

Claim 10 (Original): The method of claim 8, wherein the step of accepting utilizes at least one of a pointing device, a keyboard, handwriting recognition, and a touchscreen input.

Claim 11 (Currently Amended): A method of presenting an operator interface for a controller, the method comprising the steps of:

~~generating an operator display definition within a computer controller, wherein the operator display definition defines an operator interface display and wherein the operator display definition is defined by a dataset conforming to a network protocol for interpretation within the computer controller and at a remote terminal;~~

~~interpreting, within the computer controller and according to the network protocol, the dataset defining the operator display definition to produce an interpreted operator interface display for display on the computer controller; and~~

~~displaying, on a display on the computer controller, the interpreted operator interface display produced by the interpreting, according to the network protocol, of the operator display.~~

generating, within a computer controller, HyperText Transport Protocol (HTTP) data including status information of the computer controller for transmission to a HTTP browser on a remote terminal, wherein the HTTP browser on the remote terminal provides access to the computer controller status information;

interpreting, within the computer controller, the HTTP data generated for the HTTP browser on the remote terminal for display of the computer controller status information on a display integral with the computer controller; and

displaying the computer controller status information on the display integral to the computer controller to an operator of the computer controller.

Claim 12 (Currently Amended): A computer printer, comprising:

~~an operator display dataset generator, located within a printer, for generating a display definition, wherein the display definition defines an operator interface display and wherein the display definition is defined by a dataset conforming to a network protocol for interpretation within the printer and at a remote terminal;~~

~~a display dataset interpreter, communicatively coupled to the operator display dataset generator, for interpreting, according to the network protocol, the dataset defining the display definition to produce an interpreted operator interface display, wherein the display dataset interpreter is contained within the printer; and~~

~~an operator interface display electronically coupled to the display dataset interpreter and part of the printer, for displaying the interpreted operator interface display produced by the display dataset interpreter.~~

a HyperText Transport Protocol (HTTP) data generator within the printer, for including status information of the printer in HTTP data for transmission to a HTTP browser on a remote terminal, wherein the HTTP browser on the remote terminal provides access to the printer status information;

an HTTP browser within the printer, communicatively coupled to the HTTP data generator, for interpreting the HTTP data generated for the HTTP browser on the remote terminal for display of the printer status information on a display integral with the printer; and

a display integral to the printer, for displaying the printer status information to an operator of the printer.

Claim 13 (Cancelled).

Claim 14 (Currently Amended): The system of claim 12, wherein the ~~operator display definition comprises~~ the HTTP data further includes data for one or more of a video, an image, a sound file, and an animation display.

Claim 15 (Currently Amended): The system of claim 12, wherein ~~operator display dataset generator~~ the HTTP data generator operates in response to an operating parameter within the printer changing independently of user input.

Claim 16 (Currently Amended): The system of claim 15, wherein the operating parameter is categorized as at least one of a priority parameter, a paper jam indicator, and an out of paper indicator.

Claim 17 (Currently Amended): The system of claim 12, wherein the HTTP data generator ~~operator display dataset generator~~ operates periodically with a time period.

Claim 18 (Original): The system of claim 17, wherein the time period is adjusted according to at least one of a state of the printer and an error state of the printer.

Claim 19 (Currently Amended): The system of claim 12, further comprising:

an operator input device for accepting an operator input, wherein the operator input is associated with the ~~operator interface~~ display integral with the printer; and

a device controller, communicatively coupled to the operator input, for controlling a function within the printer in response to the operator input.

Claim 20 (Cancelled).

Claim 21 (Original): The system of claim 19, wherein the operator input comprises at least one of a pointing device, a keyboard, handwriting recognition means, and a touchscreen input.

Claim 22 (Currently Amended): A computer readable medium including computer instructions for presenting an operator interface for a printer, the computer instructions comprising instructions for:

~~generating an operator display definition in a processor within a printer, wherein the operator display definition defines an operator interface display and wherein the operator display definition is defined by a dataset conforming to a network protocol for interpretation within the printer and at a remote terminal;~~

~~interpreting, within the printer and according to the network protocol, the dataset defining the operator display definition to produce an interpreted operator interface display for display on a printer display; and~~

~~displaying, on a display on the printer, the interpreted operator interface display produced by the interpreting, within the printer and according to the network protocol, of the operator display.~~

generating, within a printer, HyperText Transport Protocol (HTTP) data including status information of the printer for transmission to a HTTP browser on a remote terminal, wherein the HTTP browser on the remote terminal provides access to the printer status information;

interpreting, within the printer, the HTTP data generated for the HTTP browser on the remote terminal for display of the printer status information on a display integral with the printer;
and

displaying the printer status information on the display integral to the printer to an operator of the printer.

Claim 23 (Cancelled).

Claim 24 (Currently Amended): The computer readable medium of claim 22, wherein the ~~operator display definition comprises~~ HTTP data further includes data for one or more of a video, a sound file, an image, and an animation display.

Claim 25 (Currently Amended): The computer readable medium of claim 22, wherein the instruction for generating the ~~operator display definition~~ HTTP data is executed in response to an operating parameter within the printer changing independently of user input.

Claim 26 (Currently Amended): The computer readable medium of claim 25, wherein the operating parameter is categorized as at least one of a priority parameter, a paper jam indicator, and an out of paper indicator.

Claim 27 (Currently Amended): The computer readable medium of claim 22, wherein the instruction for generating the ~~operator display definition~~ HTTP data is performed periodically with a time period.

Claim 28 (Original): The computer readable medium of claim 27, wherein the time period is adjusted according to at least one of a state of the printer and an error state of the printer.

Claim 29 (Currently Amended): The computer readable medium of claim 22, further including instructions for:

accepting an operator input associated with the ~~operator interface display~~ integral to the printer; and

controlling a function within the printer in response to the operator input.

Claim 30 (Cancelled).

Claim 31 (Original): The computer readable medium of claim 29, wherein the instruction for accepting accepts input from at least one of a pointing device, a keyboard, handwriting recognition means, and a touchscreen input.

Claim 32 (Cancelled).

Claim 33 (Currently Amended): The method of claim 1, further comprising ~~sending, transmitting, according in response to the network protocol and in response to receiving a an~~ HTTP request from a the remote terminal, workstation, the dataset defining the operator display the HTTP data definition from the printer to the remote terminal workstation.